

Title (en)
Fermentation processes and their products.

Title (de)
Fermentationsverfahren und erhaltene Produkte.

Title (fr)
Procédés de fermentation et produits obtenus.

Publication
EP 0147198 A2 19850703 (EN)

Application
EP 84308981 A 19841220

Priority
GB 8334261 A 19831222

Abstract (en)
The invention provides a process for the production of ethanol and a protein or peptide which is heterologous to yeast which comprises fermenting an aqueous sugar-containing medium with an industrial yeast strain which has been genetically modified to be capable of expressing a heterologous protein or peptide, recovering the ethanol so-formed, and obtaining the said heterologous protein or peptide from the fermentation products. The process may be applied to the industrial production of alcoholic beverages such as beer or distilled alcohol. The yeast inevitably obtained as a by-product in the process has improved value because of the heterologous protein or peptide which it contains and provides a source of the latter. Heterologous protein and peptides which may be produced by the new process include enzymes such as beta-lactamase, beta-glucanase and beta-galactosidase and proteins of therapeutic value such as human serum albumen.

IPC 1-7
C12N 15/00; **C12C 11/00**; **C12P 7/06**; **C12P 21/02**

IPC 8 full level
C12C 11/00 (2006.01); **C12N 9/24** (2006.01); **C12N 9/38** (2006.01); **C12N 9/86** (2006.01); **C12N 15/09** (2006.01); **C12N 15/81** (2006.01); **C12P 7/06** (2006.01); **C12P 21/02** (2006.01); **C12P 21/06** (2006.01)

CPC (source: EP)
C12N 9/2405 (2013.01); **C12N 9/2434** (2013.01); **C12N 9/2471** (2013.01); **C12N 9/86** (2013.01); **C12N 15/81** (2013.01); **C12P 7/06** (2013.01); **C12Y 302/01023** (2013.01); **C12Y 302/01073** (2013.01); **C12Y 305/02006** (2013.01); **Y02E 50/10** (2013.01)

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Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0147198 A2 19850703; **EP 0147198 A3 19861008**; **EP 0147198 B1 19901107**; AT E58170 T1 19901115; AU 3704184 A 19850718; AU 574415 B2 19880707; BR 8406644 A 19851015; DE 3483566 D1 19901213; DK 620084 A 19850623; DK 620084 D0 19841221; GB 8334261 D0 19840201; JP S60256388 A 19851218; ZA 849988 B 19850828

DOCDB simple family (application)
EP 84308981 A 19841220; AT 84308981 T 19841220; AU 3704184 A 19841221; BR 8406644 A 19841220; DE 3483566 T 19841220; DK 620084 A 19841221; GB 8334261 A 19831222; JP 27061184 A 19841221; ZA 849988 A 19841221